



PTO/SB/21 (09-04)

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3737

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/662,224
		Filing Date	September 14, 2000
		First Named Inventor	Philipp LANG et al.
		Art Unit	3737
		Examiner Name	William C. JUNG
Total Number of Pages in this Submission	6	Attorney Docket Number	13309/1

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. PTO-1449 with 8 cited references not included in page count. 2. Postcard
<div>Remarks</div>		

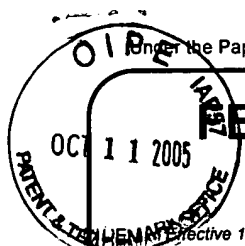
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Kenyon & Kenyon		
Signature			
Printed Name	Stephen T. Neal		
Date	October 4, 2005	Reg. No.	47,815

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Signature			
Typed or printed name	Barbara Vance	Date	October 4, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FREE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$) **180.00**

Complete if Known

Application Number **09/662,224**
 Filing Date **September 14, 2000**
 First Named Inventor **Philipp LANG et al.**
 Examiner Name **William C. JUNG**
 Art Unit **3737**
 Attorney Docket No. **13309/1**

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None
 Order
☒ Deposit Account:Deposit
Account
Number**11-0600**Deposit
Account
Name**Kenyon & Kenyon**

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
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FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20 **	X	
Independent Claims	-3 **	X	
Multiple Dependent		X	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	50	2202	25	Claims in excess of 20	
1201	200	2201	100	Independent claims in excess of 3	
1203	360	2203	180	Multiple dependent claim, if not paid	
1204	200	2204	100	** Reissue independent claims over original patent	
1205	50	2205	25	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$ 0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$ 180.00)**

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Stephen T. Neal	Registration No. (Attorney/Agent)	47,815	Telephone	(408) 975-7500
Signature	<i>Stephen T. Neal</i>			Date	October 4, 2005

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Patent

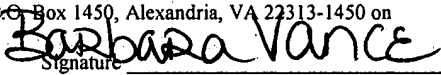


Attorney Docket No.: 13309/1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Philipp LANG et al.
SERIAL NO. : 09/662,224
FILED : September 14, 2000
FOR : ASSESSING THE CONDITION OF A JOINT
AND DEVISING TREATMENT
GROUP ART UNIT : 3737
EXAMINER : William C. JUNG

M/S: AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate of Mailing	
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Date: October 4, 2005	 Signature _____
Barbara Vance	

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Submitted herewith is an Information Disclosure Statement under 37 CFR §1.97(b)(3) with eight (8) reference(s) listed on the attached PTO-1449 (modified) form.

Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed after three months of the filing date of the above-identified application or after the mailing date of the first Office Action on the

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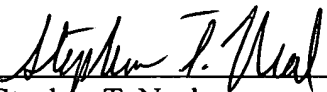
merits, which event occurred last but before the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

If any fee is required, the Office is hereby authorized to charge any fees, or credit any overpayments under 37 CFR §1.17(p) to Kenyon & Kenyon, Deposit Account No. **11-0600**.

Respectfully submitted,

KENYON & KENYON

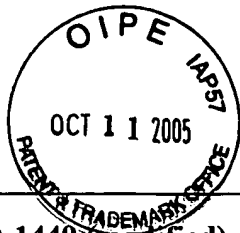
Dated: October 4, 2005

By: 
Stephen T. Neal
(Reg. No. 47,815)

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333 West San Carlos St., Suite 600
San Jose, CA 95110

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Customer No.: 36806



Form PTO-1449 (modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT	Attorney Docket No. 13309/1	Serial No. 09/662,224
	Applicant Philipp LANG et al.	
	Filing Date September 14, 2000	Group Art Unit 3737

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE

**A copy is not enclosed since the present application was filed after June 30, 2003. (See OG Dated: August 5, 2003)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Atheshian et al., "A B-Spline Least-Squares Surface-Fitting Method for Articular Surfaces of Diarthrodial Joints," <i>Journal of Biomechanical Engineering Division</i> , Transactions of the ASME, Vol. 115, pp. 366-373, November 1993.
	Athesian et al., "Curvature Characteristics and Congruence of the Thumb Carpometacarpal Joint-Differences Between Female and Male Joints," <i>J. Biomechanics</i> , Vol. 25, No. 6, pp. 591-607, 1992.
	Athesian et al., "Quantitation of Articular Surface Topography and Cartilage Thickness in Knee Joints Using Stereophotogrammetry," <i>Biomechanics</i> , Vol. 24, No. 8, pp. 761-776, 1991.
	Borgefors, Gunilla, "Distance Transformations in Digital Images," <i>Computer Vision, Graphics, and Image Processing</i> 34, pp. 344-371, 1986.
	Embrechts et al., "A Parallel Euclidean Distance Transformation Algorithm," <i>Vision and Image Understanding</i> , Vol. 63, No. 1, pp. 15-26, 1996.
	Kiryati, Nahum, "On Length Estimators, Distance Transformations and Digital Lines in Three Dimensions," <i>Progress in Image Analysis and Processing III, Proc. of the 7th International Conference on Image Analysis and Processing, Capito, Italy</i> , pp. 22-29, 1993.
	Ragnemalm, Ingemar, "The Euclidean Distance Transform in Arbitrary Dimensions," <i>Patern Recognition Letters, North-Holland</i> , Vol. 14, No. 11, pp. 883-888, November 1993.
	Warfield et al., "Automatic Segmentation of MRI of the Knee," <i>Medical Image Alanysis 4(1), Proc. ISMRM</i> , pg. 563, 1998.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this for with next communication to applicant.	